

# First Alert® Emergency Radio

## Emergency Hand-Crank Radio with LED Flashlight INSTRUCTION MANUAL MODEL CR-200

### Introduction

- Thank you for your purchase of this radio.
- Your Emergency Hand-Crank Radio is an example of superior design and craftsmanship
- In order to optimize its functions, be sure to read this instruction manual carefully before use
- Keep this manual handy for future references

### Features

- Receive AM/FM/Weather Band radio broadcasts
- Tri-LED design with super brightness
- Dual charge internal rechargeable Ni-MH battery
- Three-way power supply
- Optimum LED charge level indicator for ease of use
- Earphone socket for personal listening
- DC output voltage for mobile phone charging.
- Sturdy wrist strap

### Description of Parts



### Three-way power supply

1. Rechargeable battery pack 3.6V
2. 2 AA 1.5V batteries 3V (not included)
3. 4.5V 200mA AC/DC adapter (not included)

Push the **Power Selector** to your desired type.

### Rechargeable battery

#### Rechargeable Ni-MH battery pack.

For best results, the unit's internal battery requires a conditioning charge for 8 hours prior to use. The unit can, however be used immediately in the "wind-up mode" if required. For optimum battery life, the battery should be fully discharged and recharged at least once a month.

Ni-MH batteries should be recycled or disposed of in an environmentally friendly way as prescribed by your local regulations.

### Dual charge internal battery

#### 1. Adapter charging

To charge the radio using the adapter, first plug the AC/DC 4.5V 200mA adapter into the wall. Connect the other end of the adapter to the DC IN socket located on the radio. After approximately 8 hours, the unit will be fully charged.

**Important Note:** For proper operation, the AC/DC adapter/charger must meet the specifications described. Please don't use AC/DC adapter rated higher than 200 milliamps. Please make sure to remove any AA batteries from battery compartment when charging with AC/DC adapter.

#### 2. Wind-up operation

Make sure Dynamo/Adapter power source is selected. To operate, hold the unit firmly and crank the winder handle. The winder handle can be cranked in any direction. Make sure to crank with at least 2 revolutions per second (120 rev/min) to generate power.

The unit is equipped with an **LED** charge level indicator, which signals when the optimum charge level is reached.

Cranking the handle drives the internal alternator by transmitting hand-powered energy, which is stored in the internal battery.

### Radio operation

1. To turn on, turn the **VOL** control to the on position, **Power Indicator** will light up.
2. Slide the **Band Selector** switch to the **FM**, **AM**, or **WEATHER** position
3. Adjust the **VOL** control to the desired volume level
4. Turn the **TUNING** control to the frequency of the desired station
5. To turn the radio off, turn the **VOL** control to off position.

### Light Operation

To turn the light on, push the selector control to the **LIGHT ON** position.

To turn the light off, push the selector control to the **LIGHT OFF** position

### Maintenance

The following suggestions will help you care for the unit so you can enjoy it for years.

1. Keep the unit dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.
2. Handle the unit gently and carefully. Dropping it can damage circuit boards and cause the unit to work improperly.
3. Keep the unit away from dust and dirt, which can cause premature wear of parts.
4. Wipe the unit with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals.
5. When the CR-200 is not in use for a long period of time, please turn off the volume switch of the radio set and the light to avoid causing damage to the internal power supply due to a long discharge time.
6. After a long period of storage, please charge the product first before using.
7. When charging by hand winding, turn the handle with even force, do not turn violently with excessive force, to avoid damage to the internal gears of the product.
8. Modifying or tampering with the unit's internal components can cause a malfunction and might invalidate its warranty.

### Specifications:

#### Frequency range:

FM	88-108MHz
AM	530-1710KHz
Weather Band	162.40-162.55MHz

### Rechargeable Battery

3 AAA size 1.2V Ni-MH batteries

### Power Sources:

Internal	AC alternator driven by the hand crank
External	AC/DC adapter
Dry battery	2 AA size 1.5V batteries

### Play time

Fully recharged battery-	up to 8 hours
3 minutes wind-up-	up to 35 minutes of radio play at middle volume

### Accessories

4.5V 200mA AC/DC adapter (not included)

**Unit Size:** 4.25" x 5.7" x 2.0"

**Unit Weight:** 14.1 oz

### CAUTION:

- The content of this manual is subject to change without further notice.
- Due to printing limitations the display shown in this manual may differ from the actual display
- The manufacturer and its suppliers holds no responsibility to you or to any other person for any damages, expenses, monetary losses, or any other damages that may arise by using this unit.
- The contents of this manual may not be reproduced in any form without the permission of the manufacturer.

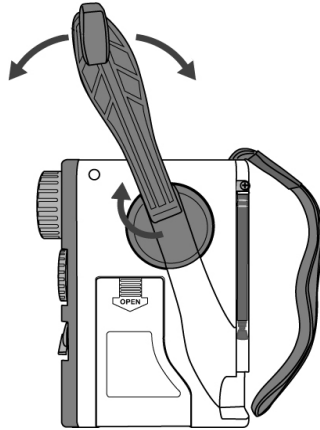
# **First Alert® Emergency Radio**

Emergency Hand-Crank Radio with LED Flashlight

## **MODEL CR-200**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference and (2) This device must accept any interference received, including interference that may cause undesired operation.

Lift crank handle up.  
Wind in either direction to charge.



## **90 Day Limited Warranty**

Sima Products Corp. ("Sima") warrants that if the accompanying product proves to be defective to the original purchaser in material or workmanship within 90 days from the original retail purchase, Sima will, at Sima's option, either repair or replace same without charge (but no cash refund will be made).

### **What you must do to enforce Warranty:**

You must deliver, mail or ship the product, together with both the original bill of sale and this limited Warranty statement as proof of warranty coverage to:

Sima Products Corp.  
Attn: Customer Service  
140 Pennsylvania Ave.  
Bldg. #5  
Oakmont, PA 15139  
412-828-3700  
412-828-3775 FAX

It is recommended that you call Sima at the number listed above to obtain a return authorization number.

### **Limitation of Liability and Remedies**

Sima shall have no liability for any damages due to lost profits, loss of use or anticipated benefits, or other incidental, consequential, special or punitive damages arising from the use of, or the inability to use, this product, whether arising out of contract, negligence, tort or under any warranty, even if Sima has been advised of the possibility of such damages. Sima's liability for damages in no event shall exceed the amount paid for this product. Sima neither assumes nor authorizes anyone to assume for it any other liabilities. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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